

**1,2-DIBROMOETHANE AND 1,2-DIBROMO-3-CHLOROPROPANE BY MICROEXTRACTION/ GC  
EPA 8011**

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Facility Name: \_\_\_\_\_ VELAP ID: \_\_\_\_\_

Assessor Name: \_\_\_\_\_ Analyst Name: \_\_\_\_\_ Inspection Date: \_\_\_\_\_

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____ Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
Were trip blanks analyzed?	3.2				
Was a second-source standard containing both analytes at 0.10 µg/L analyzed at least weekly, with an acceptable range of 60-140% recovery?	5.10 8.1.4 8.4.2				
Did the calibration curve contain at least five standards, including one with both analytes near but above the method detection limit (0.01 µg/L for both)?	7.2.1				
Were samples warmed to room temperature before extraction?	7.3.1				
If 40 mL sample bottles were used, was 5 mL of sample discarded, the cap replaced, and the bottle with contents weighed to the nearest 0.1 g, for volume determination?	7.3.2 7.6.1				
For calibration standards, check standards, QC samples, and blanks, was 35 mL measured using a 50 mL graduated cylinder and transferred to a 40 mL container?	7.3.3				
Was 7g of NaCl added to all samples, followed by shaking the aliquots to dissolve NaCl?	7.4.1, 7.4.2				
Was 2 mL of hexane added to each sample, followed by shaking vigorously for 1 minute?	7.4.3				
Were hexane and aqueous phases allowed to separate?	7.4.3				
Was a sufficient amount (0.5-1.0 mL) of hexane extract then removed for analysis? (The remaining hexane phase should be transferred to a second vial for storage in case reanalysis is required.)	7.4.4				
Were MDLs and IDPs determined prior to analyzing samples for reporting?	8.1.1				
Were reagent blanks and calibration blanks analyzed at least every 20 samples or one per batch?	8.1.3 8.1.4				
Were MDLs determined by 7 replicates of 0.03 µg/L samples with the average recovery between 60-140%?	8.2.4				
Were check standards of 0.25 µg/L analyzed every 5% of samples (or one per batch) between 60-140% recovery?	8.3				
Notes/Comments:					